

Title (en)
CONSUMABLE COMPONENT IDENTIFIERS

Title (de)
IDENTIFIKATOREN FÜR VERBRAUCHSMATERIALKOMPONENTEN

Title (fr)
IDENTIFIANTS DE COMPOSANTS CONSOMMABLES

Publication
EP 3785163 A4 20211110 (EN)

Application
EP 18916801 A 20180423

Priority
US 2018028835 W 20180423

Abstract (en)
[origin: WO2019209243A1] An example print device may comprise a consumable component comprising a human-indiscernible hardware-based identifier. The example print device may also comprise a sensor to read the human-indiscernible hardwarebased identifier.

IPC 8 full level
G06K 5/00 (2006.01); **G06K 15/02** (2006.01)

CPC (source: EP US)
G03G 15/553 (2013.01 - US); **G03G 21/1889** (2013.01 - US); **G03G 21/1896** (2013.01 - US); **G06K 7/10435** (2013.01 - EP); **G06K 7/12** (2013.01 - EP); **G06K 19/06018** (2013.01 - EP)

Citation (search report)

- [X] US 2012008995 A1 20120112 - SHIGEMURA YOSHIHIRO [JP], et al
- [X] US 2009134225 A1 20090528 - KOIKE KAORU [JP], et al
- [X] US 2004020382 A1 20040205 - MCLEAN MICHAEL EDWARD [US], et al
- [X] US 2004181681 A1 20040916 - SALISBURY PHILLIP C [US]
- [X] US 2004257601 A1 20041223 - TOMIYASU HIROAKI [JP], et al
- [X] US 2011129238 A1 20110602 - MURANAKA NOBUYUKI [JP]
- [X] US 2007279647 A1 20071206 - SHINYAMA HIDEKI [JP]
- [X] US 2013108282 A1 20130502 - SONODA MASAHIRO [JP], et al
- See also references of WO 2019209243A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019209243 A1 20191031; CN 112005241 A 20201127; EP 3785163 A1 20210303; EP 3785163 A4 20211110; US 11294332 B2 20220405; US 2021333751 A1 20211028

DOCDB simple family (application)
US 2018028835 W 20180423; CN 201880092637 A 20180423; EP 18916801 A 20180423; US 201816499305 A 20180423